

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	418	@ad<="20040415" and "thin film resistor" same interconnect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:45
L2	12	@ad<="20040415" and "metal resistor" same "metal interconnection"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:09
L3	1	"6005778".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:36
L4	1	"5864177".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:36
L5	2	"20030178666"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:47
L6	4	((("6822282") or ("6710425")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 06:49
L7	2	("6881999").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 06:52
L8	1	"6483142".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:50
L9	1	"6261917".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:50
L10	1	"6081021".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:50
L11	1	"6025226".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:51
L12	2	("6447169").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 06:55
L13	1	"6251787".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:54
L14	1	"5904509".PN.	USPAT; USOCR	OR	ON	2006/06/04 06:55

## EAST Search History

L15	2	"20020195605"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:57
L16	2	("6881999").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 06:57
L17	2	("6261915").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 06:57
L18	592	@ad<="20040415" and (438/381). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:01
L19	313	@ad<="20040415" and (438/384). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:59
L20	693	@ad<="20040415" and (257/E21. 004).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
L21	1125	@ad<="20040415" and (257/350). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
L22	273	@ad<="20040415" and (257/380). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
L23	179	@ad<="20040415" and (257/516). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
L24	226	@ad<="20040415" and (257/533). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:02

## EAST Search History

L25	822	@ad<="20040415" and (257/577). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
L26	51	@ad<="20040415" and (257/581). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:31
L27	49	@ad<="20040415" and (438/190). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:01
L28	447	@ad<="20040415" and (257/528). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:03
L29	396	@ad<="20040415" and (257/537). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:04
L30	1	"6627971".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:06
L31	1	"6459562".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:06
L32	1	"6208009".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:06
L33	1	"6326256".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:22
L34	1	"6150228".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:22
L35	1	"6117789".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:24
L36	1	"5874770".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:25
L37	1	"5625215".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:25
L38	7	(("5,547,896") or ("5,420,063") or ("5,485,138")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/04 07:31
L39	197	@ad<="20040415" and (216/16). cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:31

## EAST Search History

L40	1	"6221786".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:40
L41	1	"5972788".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:40
L42	1	"5338702".PN.	USPAT; USOCR	OR	ON	2006/06/04 07:40
L43	1237	@ad<="20040415" and (257/536). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:04
L44	527	@ad<="20040415" and (257/538). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:04
L52	243	@ad<="20040415" and "texas" and "film resistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:59
L53	163	@ad<="20040415" and "texas" and "thin film resistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:59
S1	838	@ad<="20040415" and (257/303). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:32
S2	523	@ad<="20040415" and (257/304). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:43
S3	401	@ad<="20040415" and (257/305). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:43
S4	1999	@ad<="20040415" and (257/306). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:43
S5	1031	@ad<="20040415" and (257/310). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:31

## EAST Search History

S6	312	@ad<="20040415" and (349/51). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:47
S7	2391	@ad<="20040415" and (438/253). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:48
S8	406	@ad<="20040415" and (438/250). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:49
S9	4352	@ad<="20040415" and (438/396). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:30
S10	283	@ad<="20040415" and (438/387). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 14:48
S11	4	((("6822282") or ("6710425")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 15:09
S12	2	"20040238962"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:09
S13	112	@ad<="20040415" and ('MIM' or 'metal-insulator-metal') and 'resistor' and 'cap'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:02
S14	23	@ad<="20040415" and ('MIM' or 'metal-insulator-metal') and 'resistor' and 'cap layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:26
S15	171	@ad<="20040415" and (257/516). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:25

## EAST Search History

S16	47	@ad<="20040415" and (438/171). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:25
S17	383	@ad<="20040415" and ('MIM' or 'metal-insulator-metal') same 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:05
S18	574	@ad<="20040415" and (438/381). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 06:59
S19	306	@ad<="20040415" and (438/382). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:30
S20	1928	@ad<="20040415" and (257/532-533).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:31
S21	1211	@ad<="20040415" and (257/528-529).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:32
S22	2510	@ad<="20040415" and (257/E21. 004).ccls. or (257/E21.008).ccls. or (257/E27.025).ccls. or (257/E27. 048).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 07:00
S23	1	"6617666".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:34
S24	1	"6410386".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:35
S25	1	"6387775".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:35
S26	1	"6387770".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:35
S27	1	"6075266".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:36
S28	1	"6057572".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:37
S29	1	"20030032234".PN.	US-PGPUB	OR	ON	2005/11/30 15:41
S30	1	"6764915".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:42
S31	1	"6734489".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:42

## EAST Search History

S32	1	"5406447".PN.	USPAT; USOCR	OR	ON	2005/11/30 15:42
S33	4	"2000012740"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 15:56
S34	101	@ad<="20040415" and 'capacitor' and 'resistor' and 'cap layer' and 'interconnection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 09:41
S35	64	@ad<="20040415" and ('MIM' or 'metal-insulator-metal') same 'resistor' and 'interconnection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/30 16:05
S36	249	@ad<="20040415" and 'capacitor' and 'resistor' with 'TiN'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 09:37
S37	643	@ad<="20040415" and ('capacitor' or 'MIM') and 'resistor' and 'etch stop' and 'interconnection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 09:58
S38	8	@ad<="20040415" and ('capacitor' or 'MIM') and 'resistor' with 'TiN' and 'etch stop' with 'nitride' and 'interconnection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 09:41
S39	31	@ad<="20040415" and 'MIM' and 'resistor' and 'etch stop' and 'interconnection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 09:49
S40	1	"6617666".PN.	USPAT; USOCR	OR	ON	2005/12/01 09:45
S41	1	"6410386".PN.	USPAT; USOCR	OR	ON	2005/12/01 09:46
S42	2	("6,083,785").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 09:49
S43	1	"6670237".PN.	USPAT; USOCR	OR	ON	2005/12/01 09:55
S44	1	"6645810".PN.	USPAT; USOCR	OR	ON	2005/12/01 09:56

## EAST Search History

S45	65	@ad<="20040415" and ('capacitor' or 'MIM') and 'thin film resistor' and 'etch stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:14
S46	1	"6500724".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:05
S47	1	"6259128".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:05
S48	1	"6207560".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:06
S49	1	"6180976".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:06
S50	1	"6117747".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:06
S51	1	"6110772".PN.	USPAT; USOCR	OR	ON	2005/12/01 10:06
S52	1101	@ad<="20040415" and ('capacitor' or 'MIM') same 'resistor' and 'etch stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:15
S53	6	@ad<="20040415" and ('capacitor' or 'MIM') same 'resistor' same 'titanium' and 'etch stop' same 'nitride'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:18
S54	13	@ad<="20040415" and ('capacitor' or 'MIM') same 'resistor' same 'titanium' and 'etch stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:19
S55	67	@ad<="20040415" and ('capacitor' or 'MIM') same 'resistor' same 'etch stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:30
S56	122	@ad<="20040415" and ('capacitor' or 'MIM') same ('resistor' or 'resistance') same 'etch stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:38
S58	0	@ad<="20040415" and ('capacitor' or 'MIM') and 'resist\$4' and 'interconnect\$4'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:42
S60	1116	@ad<="20040415" and 'MIM' and resist\$4 and interconnect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:44



## EAST Search History

S63	803	@ad<="20040415" and 'MIM' and resist\$3 and interconnect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:44
S64	474	@ad<="20040415" and 'MIM' and resist\$4 and interconnect\$4 and 'TiN'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 10:44
S65	145	@ad<="20040415" and 'MIM' and resist\$4 and interconnect\$4 and 'TiN' and 'stop'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:20
S66	4	("6500724").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 11:01
S67	1	"6259128".PN.	USPAT; USOCR	OR	ON	2005/12/01 11:16
S68	113	@ad<="20040415" and 'thin film resistor' same 'dielectric' same 'contact'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 11:54
S69	69	@ad<="20040415" and 'thin film resistor' same 'dielectric' with 'contact'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:03
S70	20	@ad<="20040415" and 'thin film resistor' same 'plug' same 'dielectric'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:15
S72	215	@ad<="20040415" and 'dielectric' same 'plug' same 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:16
S73	757	@ad<="20040415" and 'dielectric' with 'plug' and 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:16
S74	207	@ad<="20040415" and 'dielectric' same 'contact plug' and 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:49
S75	1	"20020102806".PN.	US-PGPUB	OR	ON	2005/12/01 12:21

## EAST Search History

S76	1	"6365482".PN.	USPAT; USOCR	OR	ON	2005/12/01 12:21
S77	119	@ad<="20040415" and 'contact plug' with 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 13:07
S78	19	@ad<="20040415" and 'dielectric' same 'contact plug' with 'resistor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 12:49
S79	64	@ad<="20040415" and 'contact plug' with resist\$4 same 'TiN'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:30
S80	1	"5830375".PN.	USPAT; USOCR	OR	ON	2005/12/01 13:23
S81	1	"5610083".PN.	USPAT; USOCR	OR	ON	2005/12/01 13:23
S83	0	@ad<="20040415" and 'contact plug' with 'resist\$3' with 'layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:31
S84	183	@ad<="20040415" and 'contact plug' with resist\$3 with 'layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 14:31
S85	183	@ad<="20040415" and 'contact plug' with resist\$3 with 'layer'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/01 15:42
S86	2	("6359328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/01 15:42
S87	2	("6825092").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 16:16
S88	2	"20020197844"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:17

## EAST Search History

S89	2	("6534374").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/02 16:17
S90	1	"6500724".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:18
S91	1	"6259128".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:18
S92	1	"6207560".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:18
S94	1044	@ad<="20040415" and ("MIM" or "metal-insulator-metal" or "metal-to-metal") with capacitor and resist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:28
S95	245	@ad<="20040415" and ("MIM" or "metal-insulator-metal" or "metal-to-metal") and resist\$3 and damascene	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:21
S96	418	@ad<="20040415" and ("MIM" or "metal-insulator-metal" or "metal-to-metal") with capacitor same resist\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/02 16:22
S97	1	"6762108".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:24
S98	1	"6750114".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:25
S99	1	"6730573".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:25
S10 0	1	"6500724".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:25
S10 1	1	"6441447".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:25
S10 2	1	"6399974".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:26
S10 3	1	"6399974".PN.	USPAT; USOCR	OR	ON	2006/06/02 16:26
S10 4	5851	@ad<="20040415" and "thin film resistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/04 08:59